
**SYSTEM, DEVICE AND METHOD FOR PLACING
A BODY IMPLANTABLE LEAD
IN THE CORONARY SINUS REGION OF THE HEART**

5

Abstract of the Disclosure

An implantable stimulation lead system comprises a lead including a lead body dimensioned for placement inside the coronary sinus region. The lead system further comprises a device dimensioned for insertion within a lumen in the lead, the device including a main body; a steering knob secured to a proximal extremity of the main body; and a flexible distal portion secured to a distal extremity of the main body. The main body has a length such that, with the main body of the device substantially completely advanced within the lead, the flexible distal portion of the device projects distally from the aperture in the distal tip of the lead body. The flexible distal portion of the device may comprise a proximal section and a distal section, the distal section being more flexible, and thus softer, than the proximal section.

In accordance with another aspect of the present invention, there is provided a device for delivering a body implantable lead, an embodiment of which device is as described above. The proximal and distal sections of the flexible distal portion of the device may comprise a unitary structure, with the distal section comprising a thin, very flexible leaf. Further, the flexible distal portion of the device may include a wire coil surrounding the proximal and distal sections of the flexible distal portion.

In accordance with yet another aspect of the invention, there is provided a method of implanting an electrode of an endocardial lead at an implantation site within a cardiac vein accessible via the superior vena cava (SVC), coronary os and the coronary sinus region, utilizing a lead system as described above.